FORM
19
Rev 6/99

State of Colorado
Oil and Gas Conservation Commission
1120 Lincoln Street, Suite 801, Denver, Colorado 80203 (303)894-2100 Fax:(303)894-2109

SPILL/RELEASE REPORT

This form is to be submitted by the party responsible for the oil and gas spill or release. Any spill or release which may impact waters of the State must be reported as soon as practicable; any spill over 20 bbls must be reported within 24 hours and all spills over five bbls must be reported within ten days. Submit a Site Investigation and Remediation Workplan (Form 27) when requested by the Director.

OPERATOR INFORMATION

Name of Operator: Gunnison Energy Corporation   OGCC Operator No: 100122

Address: 1801 Broadway, Suite 1200

City: Denver   State: CO   Zip: 80202

Contact Person: Lee Fyock

Phone Numbers

No: 303-296-4222

Fax: 303/296-4555

E-Mail: lee.fyock@oxbow.com

DESCRIPTION OF SPILL OR RELEASE

Date of Incident: 8/9/11   Facility Name & No.: Hotchkiss 1290 #1-34 Production Pit #285417   County: Gunnison

Type of Facility (well, tank battery, flow line, pit): production pit   QtrQtr: SWSE   Section: 1

Well Name and Number: Hotchkiss 1290 #1-34   Township: 12S   Range: 90W

API Number: 05-051-06074-00   Meridian: 6th

Specify volume spilled and recovered (in bbls) for the following materials:

Oil spilled: _____ Oil recov'd: _____ Water spilled: Unk   Water recov'd: _____ Other spilled: _____ Other recov'd: _____

Ground Water impacted? ☐ Yes ☐ No *Pending determination* Surface Water impacted? ☐ Yes ☒ No

Contained within berm? ☐ Yes ☐ No *N/A*   Area and vertical extent of spill: _____ x _____

Current land use: Ranching   Weather conditions: N/A

Soil/geology description: Fughes and Curecanti (Clay loam)

IF LESS THAN A MILE, report distance **IN FEET** to nearest.... Surface water: 860 ft   wetlands: _____ buildings: _____

Livestock: 200'   water wells: 2 + mi   Depth to shallowest ground water: unk

Cause of spill (e.g., equipment failure, human error, etc.): Unknown at this time   Detailed description of the spill/release incident:

During water removal in preparation for closure of the pit as remaining water was being removed additional water was discovered below the liner. The liner was then cut to allow allow removal of the sub-liner water. No apparent tears or other reason for water under the liner.

CORRECTIVE ACTION

Describe immediate response (how stopped, contained and recovered):
The liner was cut open to allow extraction of water from below the liner by pumping and disposal at GEC's HK 1289 # 18-22 Water Water Disposal Well.
Describe any emergency pits constructed:
Non since all water was pumped to the disposal well
How was the extent of contamination determined:
While removing moving water from the pit in preparation for closure water was found under the bottom of the liner.
Further remediation activities proposed (attach separate sheet if needed):

Describe measures taken to prevent problem from reoccurring:
The pit will be closed and replaced with steel tanks as described in the 7/19/11 Form 27 submittal.

OTHER NOTIFICATIONS

List the parties and agencies notified (County, BLM, EPA, DOT, Local Emergency Planning Coordinator or other).

Date	Agency	Contact	Phone	Response
8/10/11	COGCC	Alex Fischer	303/894-2100	Sample water and evaluate for potential release.

Spill/Release Tracking No: 5998   2215571

Report of Analysis

Client Sample ID:	HOTCHKISS # 1-34			
Lab Sample ID:	D26510-1		Date Sampled:	08/11/11
Matrix:	DW - Drinking Water		Date Received:	08/12/11
Method:	SW846 8015B		Percent Solids:	n/a
Project:	Gunnison Energy, Denver, CO			

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GA13158.D	1	08/12/11	SK	n/a	n/a	GGA720
Run #2							

	Purge Volume	
Run #1	5.0 ml	
Run #2		

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND		0.20	0.10	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
120-82-1	1,2,4-Trichlorobenzene	92%		60-140%

ND = Not detected   MDL - Method Detection Limit   J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 141)   B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range   N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOTCHKISS # 1-34
Lab Sample ID:	D26510-1
Matrix:	DW - Drinking Water
Method:	RSK175 MOD
Project:	Gunnison Energy, Denver, CO

Date Sampled:	08/11/11
Date Received:	08/12/11
Percent Solids:	n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FB04465.D	1	08/17/11	CS	n/a	n/a	GFB141
Run #2							

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
74-82-8	Methane	0.0341		0.00080	0.00080	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
74-98-6	Propane	72%		70-130%

ND = Not detected   MDL - Method Detection Limit   J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 141)   B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range   N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOTCHKISS # 1-34		
Lab Sample ID:	D26510-1	Date Sampled:	08/11/11
Matrix:	DW - Drinking Water	Date Received:	08/12/11
Method:	SW846 8021B	Percent Solids:	n/a
Project:	Gunnison Energy, Denver, CO		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	TA13158.D	1	08/12/11	SK	n/a	n/a	GTA720
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
71-43-2	Benzene	0.31	5.0	1.0	0.20	ug/l	J
108-88-3	Toluene	ND	1000	2.0	1.0	ug/l	
100-41-4	Ethylbenzene	ND	700	2.0	1.0	ug/l	
1330-20-7	Xylenes (total)	ND	10000	2.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
120-82-1	1,2,4-Trichlorobenzene	94%		60-140%

ND = Not detected   MDL - Method Detection Limit   J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 141)   B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range   N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOTCHKISS # 1-34					
Lab Sample ID:	D26510-1			**Date Sampled:**	08/11/11	
Matrix:	DW - Drinking Water			**Date Received:**	08/12/11	
				Percent Solids:	n/a	
Project:	Gunnison Energy, Denver, CO					

Total Metals Analysis

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed By		Method	Prep Method
Aluminum	2.7		0.10	mg/l	2	08/15/11	08/16/11	GJ	EPA 200.8 [1]	EPA 200.8 [3]
Arsenic	0.0053	0.010	0.0016	mg/l	2	08/15/11	08/16/11	GJ	EPA 200.8 [1]	EPA 200.8 [3]
Barium	0.62	2.0	0.0040	mg/l	2	08/15/11	08/16/11	GJ	EPA 200.8 [1]	EPA 200.8 [3]
Boron	0.76		0.080	mg/l	2	08/15/11	08/16/11	GJ	EPA 200.8 [2]	EPA 200.8 [3]
Calcium	18.2		0.80	mg/l	2	08/15/11	08/16/11	GJ	EPA 200.8 [1]	EPA 200.8 [3]
Copper	0.0070	1.3	0.0040	mg/l	2	08/15/11	08/16/11	GJ	EPA 200.8 [1]	EPA 200.8 [3]
Iron	2.6		0.080	mg/l	2	08/15/11	08/16/11	GJ	EPA 200.8 [1]	EPA 200.8 [3]
Lead	0.0014	0.015	0.0010	mg/l	2	08/15/11	08/16/11	GJ	EPA 200.8 [1]	EPA 200.8 [3]
Magnesium	2.5		0.20	mg/l	2	08/15/11	08/16/11	GJ	EPA 200.8 [2]	EPA 200.8 [3]
Manganese	0.15		0.0020	mg/l	2	08/15/11	08/16/11	GJ	EPA 200.8 [2]	EPA 200.8 [3]
Nickel	0.0046		0.0040	mg/l	2	08/15/11	08/16/11	GJ	EPA 200.8 [1]	EPA 200.8 [3]
Potassium	9.5		0.40	mg/l	2	08/15/11	08/16/11	GJ	EPA 200.8 [1]	EPA 200.8 [3]
Selenium	0.029	0.050	0.00080	mg/l	2	08/15/11	08/16/11	GJ	EPA 200.8 [2]	EPA 200.8 [3]
Sodium	568		10	mg/l	20	08/15/11	08/16/11	GJ	EPA 200.8 [2]	EPA 200.8 [3]
Strontium	0.81		0.040	mg/l	2	08/15/11	08/16/11	GJ	EPA 200.8 [1]	EPA 200.8 [3]
Zinc	< 0.020	5.0	0.020	mg/l	2	08/15/11	08/16/11	GJ	EPA 200.8 [1]	EPA 200.8 [3]

(1) Instrument QC Batch: MA1749
(2) Instrument QC Batch: MA1753
(3) Prep QC Batch: MP5455

RL = Reporting Limit
MCL = Maximum Contamination Level (40 CFR 141)

Report of Analysis

Client Sample ID:	HOTCHKISS # 1-34		
Lab Sample ID:	D26510-1	**Date Sampled:**	08/11/11
Matrix:	DW - Drinking Water	**Date Received:**	08/12/11
		Percent Solids:	n/a
Project:	Gunnison Energy, Denver, CO		

General Chemistry

Analyte	Result	MCL	Units	DF	Analyzed	By	Method
Alkalinity, Bicarbonate as CaC	614		mg/l	1	08/16/11	JK	SM20 2320B
Alkalinity, Carbonate	24.1		mg/l	1	08/16/11	JK	SM20 2320B
Alkalinity, Total as CaCO3	638		mg/l	1	08/16/11	JK	SM20 2320B
Bromide	1.7		mg/l	5	08/12/11 10:56	JML	EPA 300
Chloride	460		mg/l	25	08/12/11 11:24	JML	EPA 300
Fluoride	1.9	4.0	mg/l	1	08/12/11	JD	SM20 4500F C
Hydrogen Sulfide	< 0.50		mg/l	1	08/12/11	CJ	SM20 4500 S2 H
Nitrogen, Ammonia	< 0.10		mg/l	1	08/17/11	JD	SM20 4500NH3 D
Nitrogen, Nitrate	2.1	10	mg/l	5	08/12/11 10:56	JML	EPA 300
Nitrogen, Nitrite	0.16	1.0	mg/l	5	08/12/11 10:56	JML	EPA 300
Phosphorus, Total	< 0.10		mg/l	1	08/16/11	CJ	HACH 8190
Solids, Total Dissolved	1580		mg/l	1	08/15/11	JD	SM20 2540C
Solids, Total Suspended	40.0		mg/l	1	08/15/11	CJ	SM20 2540D
Specific Conductivity	2430		umhos/cm	1	08/16/11	JK	SM20 2510B
Sulfate	56.9		mg/l	5	08/12/11 10:56	JML	EPA 300
Turbidity	45.0		NTU	10	08/12/11 15:30	CJ	SM20 2130B

MCL = Maximum Contamination Level (40 CFR 141)